

## **Lower San Juan Basin Groundwater Yield Enhancement Study Quality Assurance Plan**

The project work presented in this grant application are study type of efforts, and accordingly a Quality Assurance Plan will rely upon three primary pillars: (1) competitive selection of the most qualified firm(s), (2) project manager/principal engineer management and technical oversight, direction and review of all draft products, and (3) a Technical Advisory Committee that is formed from key technical staff from each of the seven participating agencies and outside experts as deemed necessary for any particular work. On complex projects, an outside Experts Panel is formed to review technical work, as recently done for the Offshore Hydrogeology and Water Quality Investigation work for the SOCOD Project.

This same approach has been successfully used throughout the SOCOD Project planning and investigation phase as well as through the SJBA Groundwater Management Plan development work. For example, the new surface/groundwater flow and solute transport model is being developed by Geosciences Support Services and their work is being reviewed by SJBA's groundwater consultant, Wildermuth Environmental, Inc and the seven agencies technical staff. This has led to a well calibrated, thoroughly reviewed and evaluated model.

The project manager for this work will be Richard B. Bell, PE, Principal Engineer and Senior Project Manager for MWDOC. Mr. Bell has over 45 years of professional experience in government and private practice. Over the past several years, he has managed a number of grants for MWDOC – DWR, EPA and USBR for the South Orange County Water Reliability Plan and the South Orange Coastal Ocean Desalination Project Test Slant Well work. He also provides technical oversight of all grant work.